

Yerofeyev, S.
Results of Geological-Survey and Exploratory Work
For Petroleum and Gas in the Ministry of Petroleum
Industry during 1973, and Tasks for 1974.
10 pp
GEOLOGIYA NEFTI I GAZA, Moscow, No 6, Jun 74, pp
15-22.
JPRS 62935

Semenovich, V. V.

ways to improve The Procedures of survey and
exploratory Drilling for Petroleum, Gas.

17 pp

GEOLOGIYA NEFTI I GAZA, Moscow, No 7, Jul 74,

pp 1-11.

JPRS 63030

Anikin, Yu.

Machines in Warehouses.

5 pp

SOVETSKAYA LATVIYA, Riga, 24 Jul 74, p 2.

JPRS 62927

Socialist Obligations in 1974 For USSR Ministry of
Geology Workers.

5 pp

GEOLOGIYA NEFTI I GAZA, Moscow, No 6, Jun 74,

pp 15-22.

JPRS 62909

Agency: AEC/Tenn.

P.O. Number: PM-74-15

100/1314

4 Feb. 1974

Title: OB URANOVOM ORUDENENII V KARBONATNYKH
OSADOCHEVYKH PORODAKH.

Authors: V. I. Danchev, et al.

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camera ready copy. Integrated text.

OSIPOV, N. K.

//GEOMAGNETISM I AERONOMIYA//

--/--/1963, V0003, N0002,

*The nonpotential part of the permanent geomagnetic
field*

pp 383-385, NTC 74-11041-08E##

KHANTADZE, A. G.

//GEOMAGNETIZM I AERONOMIYA//

--/--/1964, V0004, N0006,

On the construction of a magnetohydrodynamic model
of a cyclone. Part 1,

pp 1020-1026, NTC 74-11639-04B##

KHANTADZE, A.G.
//GEOMAGNETIZM I AERONOMIYA//
--/--/1965, V0005, N0003,
On the construction of a magnetohydrodynamic model
of a cyclone. Part 2,
PP 413-418, NTC 74-11640-04B##

KHANTADZE, A. G.

//GEOMAGNETIZM I AERONOMIYA//

--/--/1985, V0005, N0003,

Two-dimensional flow of an electricity-conducting
medium in the presence of mass forces and of a
plane magnetic field

EP 417-422, NTC 74-11842-08ENW

Troitskaya, V.A. et al

Micro pulsation Excitation Characteristics in
a Solar Activity Cycle.

GEOMAGNETIZM I AERONOMIYA, Vol. 9, No.1, pp.
129-134, 1969.

A.T.S. RJ-5298

Gogatishvili, Ya. M.

Variation of Geomagnetic Field Pulsation Occurrence Frequency with Level of Geomagnetic and Solar Activity.

~~_____~~, Vol. 9, No. 1, pp.181-3

A.T.S. RJ-5299

GEOMAGNETIZM I AERONOMIYA

Ivanov, N. G.

Rotating Discontinuities in the Solar Wind

GEOMAGNETIZM I AERONOMIYA, v. 11, 1971, pp. 765-770

NTC 73-21561-03B

NTIS NT2-32725

Krasnopol'skii, V. A.

Variations in and no at 100-250 km altitudes
GEOMAGNETIZM I AERONAVIYA, v. 17, n. 5, 1971,
pp. 25-31
NTC 72-13062-04a

Novichenko, V. A.

Decimeter Wavelength Radio Emission of Jupiter as an
indication of high Velocity Fluxes and Shockwaves in
the Solar Wind

GEOMAGNETIZM I AERONOMIYA, v. 11, 1971, pp. 888-890

NTC 73-21555-03B

NTIS N72-33821

Shadrin, P. I.

Neutron monitor on an artificial earth satellite
with a highly elliptical orbit

GEOMAGNETIZM I AERONOMIYA, v. 12, n. 2, 1972, pp. 184-
187

NTC 72-25133-28D

Skryabin, M. G.

Method of calculating the energy spectrum characteristics of albedo electrons by means of data from shielded gas-discharge counters

GEOMAGNETIZM I AERONOMIYA, v. 12, n. 2, 1972, pp. 158-159

NYC 72-25134-201

Kolobin, A. A.

*Some aspects of measuring the differential spectrum
of cosmic rays*

GEOMAGNETISM I AERONOMIYA, v. 22, 1972, pp. 392-397
NTC 72-75342-20H

Geomagnetism i Aeronomiya, Vol 10, No 4, 1974.

Cover-to-Cover for The American Geophysical Union

Available at Ly Gerdin

Apr 74

GEOMAGNETISM AND AERONOMY, Vol 12, No 5, 1972,
pp 683-841 *English pages*
pp 785-965 *Russian pages*

COVER TO COVER AMERICAN GEOPHYSICAL UNION

Avail by Serials

Ershkovich, A. I.

On the excitation of natural oscillations
of the earth's magnetic tail.

GEOMAGNETIZM I AERONOMIYA, 1972, pp 877-881,
v. 12, n. 5.

NTC 73-12041-08N.

(INCL L N - 73-15404)

NISA

Tyurnina, L. O.

Description of Earth's Principal Magnetic Field

GEOMAGNETISM I AERONOMIYA, v. 12, n. 4, 1972, p. 676-687

NTC 73-11616-00N

Delginov, Sh. Sh.

Equatorial Current Jet from Measurements on the
"Kosmos-321"

GEOMAGNETIZM I AERONOMIYA, v. 18, n. 4, 1978, p. 699-706

NTC 75-11611-08N

Ershkovich, A. I.

On the influence of inhomogeneity of the magnetic field on oscillations of the plasma layer of the magnetosphere tail.

GEOMAGNETIZM I AERONOMIYA, 1972, p. 945-947,

v. 12, n. 5.

NTC 73-12043-201

Kovner, M.S.

On the dependence of the magnetopause location
on the orientation of the inter-planetary
magnetic field.

GEOMAGNETIZM I AERONOMIYA, 1972, pp.947-949,
v.12, n.5.

NTC 73-12042-04A

GRIGOROV, N. I.

//ELECTRONICS I. AERONAUTICS//

--/1973, VODIS, 30000

Instrument to Record the Fluxes and Energy Spectrum
of Electrons with Energies above 10^6 eV

6-10-1973

10-00-50 10-00-50-10000

VOLODICHEV, N. N.
//GEOMAGNETIZM I AERONOMIYA//
---/1978, 70018, 11004
Physical Characteristics of the Complex Scientific
Instruments Recording the Ionizing Component of
Cosmic Rays on the "Proger",
IN 700-70018 70-10000-11004

GEOMAGNETISM AND AERONOMY, Vol 12, No 6, 1972

RUSSIAN PAGES 996-1135

ENGLISH PAGES 843-986

*Full translation by SCRIPTA TECHNICA INC FOR THE
AMERICAN GEOPHYSICAL UNION*

Avail in Ly Serials

On Oscillations of the Earth's Magnetic Tail in the
Quasihydrodynamics Approximation, by A. I. Yershovich,
6 pp.
GEOMAGN. i Aeron, No 1, 1973, pp 110-115.
CIA-X-7764

June 73

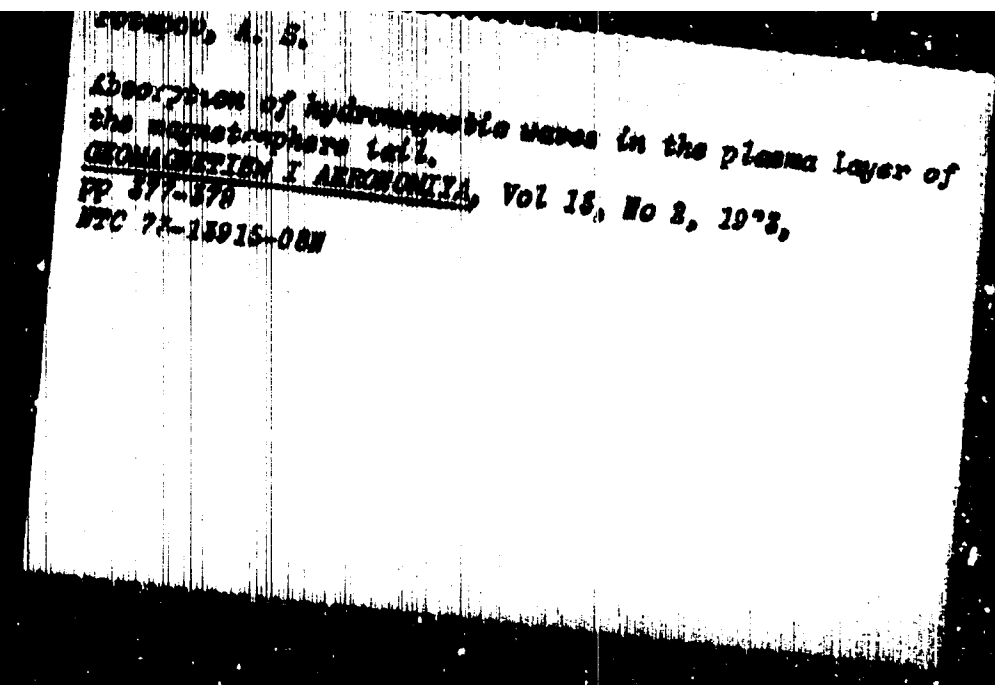
GEOMAGNETISM AND ALGONOMY, Vol. XIII, No. 1
1973, pp.1-167.

Cover-to-Cover American Geophysical Union
Available at Ly Serials

GEOMAGNETISM AND AERONOMY, Vol. 4, No. 2, 1973
ENGLISH PAGES: 171-338
RUSSIAN PAGES: 201-388

American Geophysical Union

Avail by Ser



Nigmatov, V. N.

On errors in determining the ionosphere parameters and the characteristics of ionospheric inhomogeneities by signals from the satellite-mounted radio station "Molniya".

GEOMAGNETIZM I AERONAVIYA, Vol 13, No 3, 1973, pp 411-415

NTC 73-14477-04A

CIA-2-7804

Dobson, R. T.

Measurements of auroral ionization at high latitudes on
the "Alouette 1".

GEOMAGNETISM & AERONOMY, Vol 18, No 3, 1978, pp 41-441

NYC 78-1447A-001

CIA-X-7802

Illman, V. I.

Soft electron fluxes in the upper atmosphere of the
Polar regions.

GEOMAGNETEN I AERONOMIYA, Vol 13, No 3, 1973, pp 513-514

NTC 73-1-76-04A

Grigorov, N.D.

Instrument to Record the Fluxes and
Energy Spectrum of Electrons with Energies
Above 10^8 ev in Cosmic Rays 6 pp

GEOMAGN. I AERON, Vol 13, No 4, 1973 pp 580-584

CIA-X-7855

RESEARCH AND ANALYSIS, vol. 13, no. 1, 1973

ENGLISH PAGES 175-180

RUSSIAN PAGES 561-764

C/C American Geophysical Union

Avenue L. LYON.

Volodichev, N.N.

Physical Characteristics of the Complex of
Scientific Instruments Recording the Ionizing
Component of Cosmic Rays on the "Prognoz" 9 pp

GEOGN. I AERON. Vol 13, No 4, 1973, pp 590-598

CIA-X-7856

Khantadze, A. G.

On hydromagnetic gradient waves in the ionosphere.

GEOMAGNETISM I AERONOMIYA, Vol 13, No 4, 1973,

pp 833-850

NTC 74-10317-04A

CIA-X-7839

TURBIN, WU. S.
//GEOMAGNETISM I ARGENTINA//
---/1973, V0013, IN0001.

Auroral Electrons and the Magnetic Substorm of
December 12, 1968.

PP 716-722, WTC 74-10497-04AGG

Rubin, V. A.

Determination of the difference in group paths by the
method of frequency-diversity reception.

GEOMAGNETISM I AERONOMIJA, Vol 13, No 4, 1973,

pp 749-762

NTC 74-10218-04A

CIA - K-7840

RUSSIAN

CSO: 8344/0482
12 September 1973

On the information Capacity of the Gradient Method of
Measuring the Earth's Magnetic Field, by Ye. N. Roze

Moscow, Geomagnetizm i Aeronomiya, No 4, Vol 13, 1973,
pp 762-764

Please publish this article with repro equations,
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GRIB, S. A.
//CD MAGNETISM I LEROMITIA//
---/1973, V0013, N0105,
Some Questions of Solar Wind Shockwave Interaction
with Earth's Magnetosphere,
EP 730-793, PIC 74-10021-01000
CIA-X-7857

Velodichev, N. N.

Scientific Apparatus to Study Cosmic Rays on
the "Prognoz" Satellites II 6 pp

GEOMAGN. I AERON. Vol 13, No 5, 1973, pp 801-06

CIA-X-7889

Lazarev, V.I.

Low-Energy Electron and Proton
Spectrometer on the Molniia-1

5 pp

GEOMAGN. I AERON., Vol 13, No 5, 1973 pp 807-811

CIA-X-7809

Ivanov, K.G.

Interplanetary Magnetic Field, Reconnection
and Structure of Magnetospheric Storms 5 pp

GEO MAGN. I. aeron. Vol 13, No 5, 1973, pp 891-5

CIA-X-~~111~~789C

Bliudov, V.A.

Device to Measure the Fluxes of Cosmic Ray
Protons and Nuclei with E 500 Mev per
Nucleon on the "Prognoz" Probes 5 pp

GEOMAGN. I AERON, Vol 13, No 6, 1973, pp 1029-1032

CIA-X-7891

Ivanov, K.G.

Boundary Discontinuities and Models of
the Flow around the Magnetosphere 7 pp

GEOMAGN. I AERON., Vol 13, No 6, 1973, pp 1069-1074

CIA-X-7870

IVANOV, K. G.

//GEOMAGNETISM I AERONOMIYA//

--/--/1973, V0013, N0006,

Boundary discontinuities and models of the flow
around the magnetosphere,

pp 1069-1074, NTC 74-11651-9A# 04A# 12

VARIOUS
//GEOMAGNETISM AND AERONOMY//
--/--/1973, V0013, N0006
Geomagnetism and aeronomy
English pp 823-975
Russian pp 969-1134
Trans Full American Geophysical Union
Avail Ly Serials##

VARIOUS
//GEOMAGNETISM AND AERONOMY//
--/--/1974, V0014, N0001
Geomagnetism and aeronomy
English ppl-154
Russian pp 3-180
Trans Full American Geophysical Union
Avail Ly Serials##

RUSSIAN

Comp. Sp.
40 pp

CRD: 8344/1762
25 March 1974

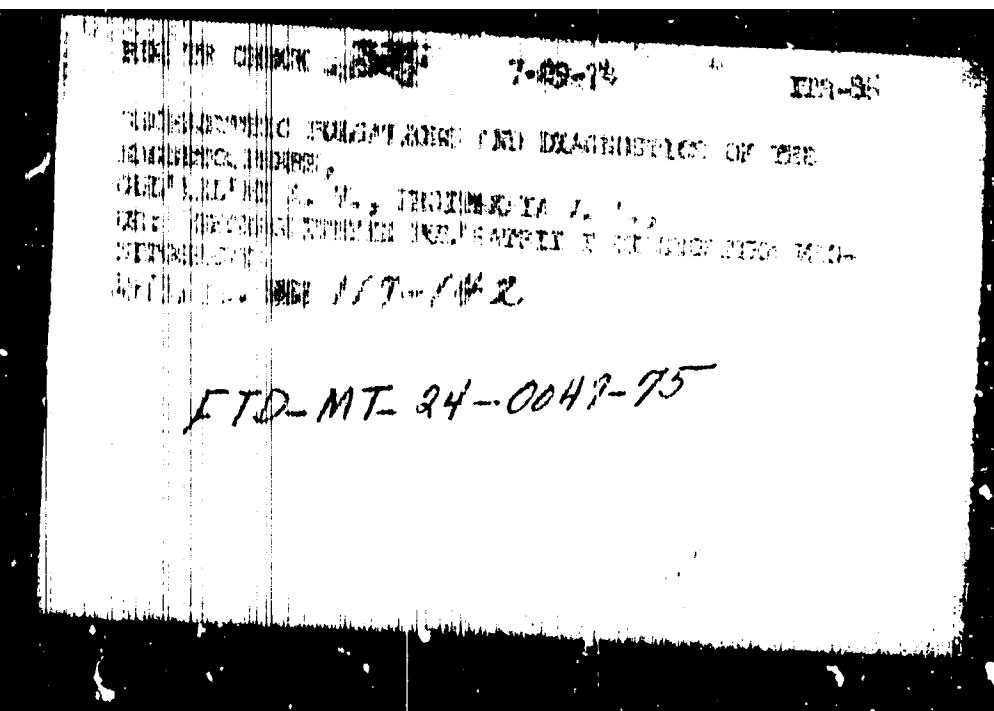
Geomagnetic Pulsations, by L. L. Ven'yan et al

Moscow, Geomagnitnyye Pul'satsii, 1973, pp 12-19,
22-24, 26-31, 38-45, 70-71, 77-88

Special type B

Do not publish

Single spaced draft plus one and include repros



A. P. Tishchenko

Geometrical methods of space geodesy. 160 pp.
GEOMETRICHESKIYE METODY KOSMICHESKOY GEODEZII, 1971,
NAGA TT F 732

apr 73

WIERCZEYKO, E.

//GEOPHYSICAL PROSPECTING//

--/--/1972, V0020, N-----,

Echo-log, A geophysical measuring method for the
determination of the form of leached cavities in
salt formations

pp 649-884, NTC 74-11789-08I#1

BOIS, P.
//GEOPHYSICAL PROSPECTING//
---/--/1972, V0020, 1-----,
Sequential Analysis,
IP 497-513, NTC 74-10060-08189

Application of Kalman Filter to Navigation, by
J. P. Fail.

GEOPHYSICAL PROSPECTING, Vol 20, No 3, pp 665-699.

*DMAAC

April 73

Gribidenko, G.S.

~~SECRET~~ Tectonics of the Bering Sea Floor 27 pp

GEOTEKTONIKA, No 4, Jul-Aug 1971, pp 94-108

DMAAC-TC-1979

Gnibidenko, G.S.

Tectonics of the Bering Sea Floor

GEOTEKTONIKA No 4, 1973, pp 94-108

*DMAAC 16 Oct 73

Pushcharova, Ly. Ya. M.

On the Tectonics of the Eastern part
of the Indian Ocean

sa pp

GEOTEKTONIKA No 6, Nov-Dec, 1973, pp 3-19

XMAAC - 4 Feb 74

TR-1006

The Role of Convection in the Formation of
Geothermal Deposits, by Jean Goguel
GEOTHERMICS, No 2, 1970, pp 615-621
U.S. Geological Survey Lib Reference Dept.

IASILO, INC
//GEOMETRIC TECHNOLOGIA//
---/1971, 7001, 7000,
Plastics Drivers' Cables, 7 pp.
PP 261-262, FETC-IT-23-1672-73
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Noise Research on Gear Drives
GERAUSCHUNTERSUCHUNGEN AN ZAHNRADGETRIEBEN
NAVSHIPS Tr-1392

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May 75

Schroeder, W.

On the relationship between Mesospheric Circulation and
the frequency of Noctilucent Clouds

GERLANDS BEITRÄGE ZUR PHYSIK, v. 77, 1968, pp. 303-
308

NTC 73-21574-04A

NTIS N72-32410

Schroeder, W

The Kinematics of noctilucent Clouds.
Gerlands Beitrage zur Geophysik, Vol 79, No 3,
1970, pp 229-235
*NASA TTF 14,928

may '73

Schroeder, W.

SOME OBSERVATIONS OF NIGHT SKY LUMINESCENCES IN THE
UPPER ATMOSPHERE DURING IQSY.

Gerlands Beitrage zur Geophysik, Vol 80, No 1,
1971, pp 61-64

*NASA TTF 14,927

MAY 73

Schroeder, W.

Investigation of seasonal transitions in Spring and
in Autumn in the mesopause region.

Gerlands Beitrage zur Geophysik, Vol 80, No 1,
1971, pp 65-74

*NASA TTR 14,924

may 73

Comments on the Geodetic Reference System 1967,
by V. K. Hristov
Gerlands Beitrage Geophysik, Vol 81, No 3/5, 1972,
pp 254-258,
DMAAC-TC-1920

May 75

Agency: Transportation

P.O. No. PS-40013 (G-20)

9720/1630

1 May 1974

Title: Zu den gesamtwirtschaftlichen Auswirkung der Olkris

Language: German

22pp

Instructions: Please type double space.

Schuecz

Overall airframe fatigue experiment. 2' pp.
GESAMTZELLEN-ERMUEDUNGSVERSUCH F 104 G
FLUEFELLASTEINLEITUNG. Nr. 81/04, 22
September 1972, 1-33 pp.1-33.
AIR/FTD-HC-23-422-73

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Chlorine and Hydrocyanic acid.
Die GESCHÄFTLICHE DER VERFAHREN DURCH RAUCH, Chapter 2,
1903, pp 280-358
NTC 75-13865-007

GEISLER, WLADYSLAW
//DIE GESCHICHTE DER ENTWICKLUNG DER
RAKETENTECHNIK UND ASTRONAUTIK IN POLEN VOR
DEM JAHRE //

--/--/1974, V-----, N----

History of the development of rocket technology
and astronautics in poland before 1949 7 pp

pp 3 pp NASA F 15744##

24-Jul-74

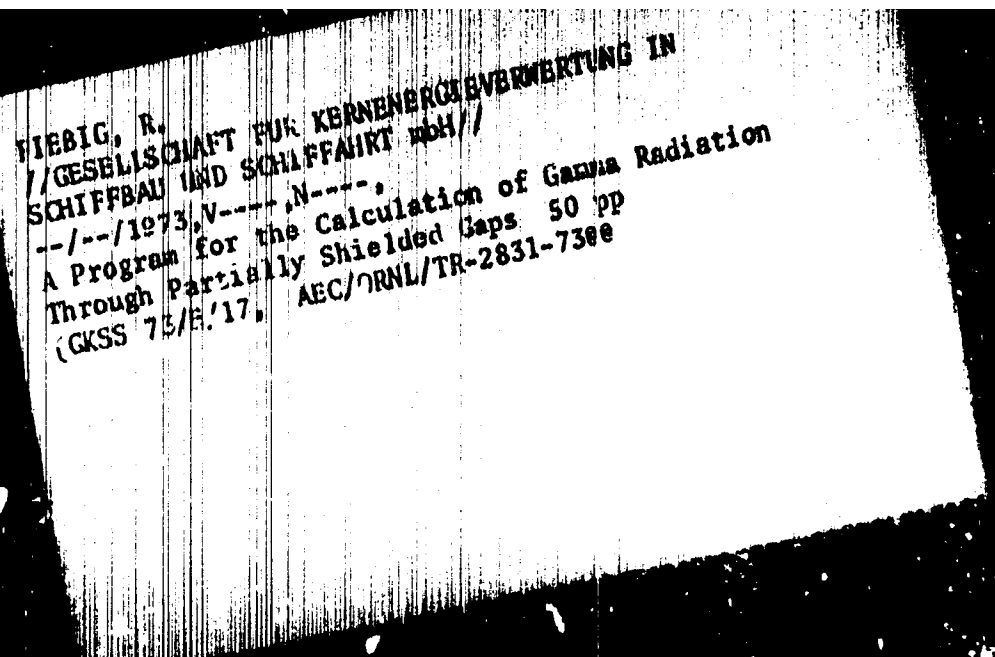
Undl (ORNL-tr--2831) LGH-G: a program for the calculation of gamma radiation through partially shielded gaps. FIEBIG, R.; RYBACZOK, P. (GESELLSCHAFT FUER KERNENERGIEVERWERTUNG IN SCHIFFBAU UND SCHIFFFAHRT M.B.H., HAMBURG (F.R. GERMANY)). 1973. Translation by E. J. Zuckerman of GKSS--73/E/17. 50p. Dep. NTIS \$5.50.

20 physics; 18F radiation shielding and protection;
translations
MN-34 P NSA

14-May-74

Uncl (ORNL-tr--1658) Shielding experiments in the
Geesthacht research reactor. Annual report, 1965.
BAGGE, E.; FISCHER, E. (COMMISSION OF THE EUROPEAN
COMMUNITIES, BRUSSELS (BELGIUM); GESELLSCHAFT FÜR
KERNENERGIEVERWERTUNG IN SCHIFFBAU UND SCHIFFFAHRT M.B.H.,
HAMBURG (F.R. GERMANY)). [nd]. Translation of EUR--
2960. 197p. Rep. NTIS \$13.00.

progress reports; 18F radiation shielding and protection;
16M reactors-research; translations
MM-34 P NSA



27-Jun-73

Uncl (GSI-tr--72/15) Remote control system for an ion
source at the preinjector of the LINAC I 100. MALISEV,
I.G. (GESELLSCHAFT FUER SCHWERIONENFORSCHUNG, DARMSTADT
(WEST GERMANY)). Jul 1972. Translation of. (INZH-
71-82) 8p. INIS.

NSA

1-Aug-74
Uncl (GSI-tr--74/4) Application of heavy-ion beams in
fields related to science and technology. FLEROV, G.N.
(GESELLSCHAFT FÜR SCHWERIONENFORSCHUNG M.B.H., DARMSTADT
(F.R. GERMANY)). Feb 1974. 17p. (In German).
IN78.

4 figs. Translation of the Russian report JINR-P7--
7571.

NSA

23-Aug-74

Uncl (GSI-tr--74/5) Preparation of cyclotron targets from transplutonium and rare earth elements by electrolytic deposition from isobutanol. KOROTKIN, Y.S. (GESELLSCHAFT FUER SCHWERIONENFORSCHUNG M.B.H., DARMSTADT (F.R. GERMANY)). Feb 1974. 20p. (In German). INIS.

11 figs.; 10 refs. With abstract. Published in the journal 'Radiohimiya'. Translated from the Russian report JINR-P--6-7400. Available from ZAED.

NSA

revision

Uncl (GSI-tr--11/74) 19-Sep-74
Prospects for the development of
cyclic high-current accelerators and mesotron factories.
DSCHLEPOW, W.P.; DMITRIJEVSKIJ, W.P.; KOLGA, W.W.
(GESELLSCHAFT FÜR SCHWERIONENFORSCHUNG M.B.H., DARMSTADT
(F.R. GERMANY)). May 1974. 14p. (In German).
3 figs.; 1 tab.; 19 refs. Translation of the report
JINR-P9--7803.

NSA

Unc1 (AEC-tr--7443) 11-Sep-73
wastes in the Asse salt mine. Status: 1971.
(GESELLSCHAFT FÜR STRAHLEN- UND UMWELTFORSCHUNG M.B.H.,
MUNICH (WEST GERMANY)). Jul 1971. Translation of a
German paper. 2p. Dep. NTIS \$3.00.

18G radioactive wastes: translations
MN-70 P NSA

11-Sep-73
Uncl (AEC-tr--7441) Conditions for the storage of
weakly radioactive wastes in the Asse salt mine.
Status: July 1971. (GESELLSCHAFT FÜR STAHL- UND
UMWELTFORSCHUNG M.B.H. MUNICH (WEST GERMANY)). Jul
1971. Translation of a German paper. 12p. Dep. NTIS
\$3.00.

15G radioactive wastes: translations
MN-70 P NSA

11-Sep-73
Uncl (AEU-tr--7442) Provisional conditions for the
trial storage of medium radioactive wastes in the Asse
salt mine. Status: September 1972. (GESELLSCHAFT.
FÜR STRAHLEN- UND UMWELTFORSCHUNG M.B.H., MUNICH (WEST
GERMANY)). Sep 1972. Translation of a German paper.
11p. Dep. NTIS \$3.00.

180 radioactive wastes: translations
NN-70 P NSA

Enclosure to: IR 2-218-3214-74

GESETZBLATT, Part I, No 58, 21 Dec 1973

OFFICIAL USE ONLY

Decree on Functions, Rights, Duties of VEP's,
Combines, VVE's Issued, 29 pp.

GERMAN, per, Gesetzblatt der Deutschen
Demokratischen Republik, East Berlin, Part I,
No 15, 3 Apr 73, pp 129-141.

JPRS 58960

May 73

Implementing Regulation on Disposition,
Implementation of Investments Issued, 3 pp.
GERMAN, Ger., Gesetzblatt der Deutschen
Demokratischen Republik, East Berlin, Part I,
No 17, 18 Apr 73, pp 149-152.
JPRS 59182

Apr 73

Functions of GDR Ship Inspection and Classification Agency Detailed, 5 pp.

GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 3, 22 Jan
73, pp 42-43.

JPRS 59344

Jul 73

Decree on Model Charter of Artisan Producer
Cooperatives, 13 pp.

GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 14, 26 Mar
73, pp 121-125.
JPRS 59405

Jul 73

Decree on Charter of Bezirk Artisan Chambers
of Commerce, 6 pp.

GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 14, 26 Mar
73, pp 126-128.
JPRS 59405

Jul 73

Order on Responsibilities, Functions, Financing
of Rationalization Enterprises, 8 pp.

GESMAG, per, Gesetzblatt der Deutschen

Demokratischen Republik, East Berlin, Part I,

No 17, 18 Apr 73, pp 152-154.

JPRS 59182

Jun 73

Resolution on Director for Annual Draft of
Collective Labor Contracts Issued, 12 pp.
GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 24,
25 May 73, pp 213-216.
JPRS 59454

Jul 73

Directive on Preparation, Implementation of
1973 Grain, Oil Crop Harvest, 9 pp.
GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 27, 14 Jun
73, pp 265-268.
JPRS 59507

Jul 73

Implementing Regulation, Announcement on
Parcel Post Issued, 7 pp.
GESETZBLATT DER DEUTSCHEN DEMOKRATISCHEN
REPUBLIK, East Berlin, Part I, No 28, 21 Jun
73, pp 271-272.
JPRS 59678

Sep 73